

[IC information]

Manufacture	Renesas Electronics
Series/Product	RH850/U2A Series/U2A8
Type/Device Code	R7F702301

[Specification of Resonator]

Model	DSX210GE
Nominal Frequency	24.000MHz
Load Capacitance	8.0pF
Series Resistance	70Ω max.

[Measurement Results]

C1=OPEN, C2=OPEN, VDD=+3.3V

Negative Resistance	-1000Ω
Drive Level	73μW
Frequency Deviation	+39ppm

C1=OPEN, C2=OPEN, VDD=+5.0V

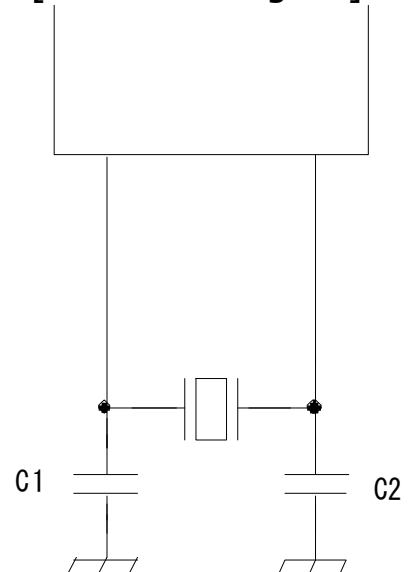
Negative Resistance	-1200Ω
Drive Level	125μW
Frequency Deviation	+32ppm

Measurement Results are for Reference only.

Therefore, it is necessary to conduct a survey on your board.

If you have any questions about circuit survey, please contact us by the following e-mail.

circuitanalysis797@kds.info

[Oscillation Diagram]

[IC information]

Manufacture	Renesas Electronics
Series/Product	RH850/U2A Series/U2A8
Type/Device Code	R7F702301

[Specification of Resonator]

Model	DSX320GE
Nominal Frequency	24.000MHz
Load Capacitance	8.0pF
Series Resistance	70Ω max.

[Measurement Results]

C1=OPEN, C2=OPEN, VDD=+3.3V

Negative Resistance	-1500Ω
Drive Level	43μW
Frequency Deviation	+85ppm

C1=OPEN, C2=OPEN, VDD=+5.0V

Negative Resistance	-1800Ω
Drive Level	70μW
Frequency Deviation	+70ppm

Measurement Results are for Reference only.

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[Oscillation Diagram]